Examiner Cite

Initial* No Patent Number

Kind

Code¹ Issue Date

PTO/SB/08a (01-10) Approved for use through 07/31/2012 OMB 0851-0031
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Remove

Figures Appear

Pages,Columns,Lines where

Relevant Passages or Relevant

	Application Number		10595459	
	Filing Date		2007-01-26	
NFORMATION DISCLOSURE	First Named Inventor Clement Hiel		ent Hiel	
STATEMENT BY APPLICANT Not for submission under 37 CFR 1.99)	Art Unit		1798	
	Examiner Name	Gray,	Jrll M.	
	Attorney Docket Numb	er	50486-00003	

U.S. PATENTS

Name of Patentee or Applicant

of cited Document

	1	6	148866	A	2000-11	l-21	QUIGLEY ET	AL.			
	2	2	589507	A	1952-03	l-18	NOYES				
	3	5	360497	A	1994-11	I-01	SCHNEIDER	ET AL.			
If you wis	h to ac	id a	dditional U.S. Pater	nt citatio	n inform	ation pl	ease click the	Add button.		Add	_
				U.S.P	ATENT	APPLIC	CATION PUB	LICATIONS		Remove	_
Examiner Initial*	Cite I	No	Publication Number				Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear				
	1		20040026112	A1	2004-02	1-12	GOLDSWORT	THY ET AL.			
If you wis	h to ac	ld a	dditional U.S. Publi	shed Ap	plication	citation	n information p	please click the Ad	d butto	n. Add	_
					FOREIG	SN PAT	ENT DOCUM	IENTS		Remove	Π
Examiner Initial*	Cite No		reign Document mber ³	Country Code ²		Kind Code ⁴	Publication Date	Name of Patente Applicant of cited Document		Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	Τs
	1										

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

pplication Number		10595459		
iling Date		2007-01-26		
irst Named Inventor	Cleme	ent Hiel		
ut Unit		1798		
xaminer Name Gray,		Jill M.		
ttorney Docket Number		50486-00003		

		NON-PATENT LITERATURE DOCUMENTS Remove	
Examiner Initials*	Cite No	incluse name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where publisher.	T5
	1	James G. Vaughan et al., Characterization of Mechanical and Thermal Properties of Advanced Composite Pultrusions, D Electric Power Research Institute, Technical Report-106271 (Aug. 1995)	
	2	Suit S. Kurrar, Characterization of Dynamic Mechanical Properties of Pultruded Hybrid Cylindrical Composite Rods in D Torsional and Flexural Modes of Vibration, Thesis (University of Mississippi May 1994)	
	3	Kumar N.S.V. Papineru, Study of Static Mechanical Properties of Pultruded Hybrid Graphite/Glass-Epoxy Composites, D Thesis (University of Mississippi Dec. 1994)	
	4	L.R. Gambone, Alternative Materials for Overhead Conductors, Canadian Electrical Association, 8T-318, (Dec. 1991)	
	5	G. Newaz et al., Structural Composite Cores for Overhead Power Transmission Conductors, Electric Power Research D Institute, EM-511 0 (Apr. 1987)	
	6	K.E. Holer, Jr. et al., Degradation and Enhancement of the Fatigue Behavior of Glass/Graphite/Epoxy Hybrid D Composites, Vol. 18, No.2, Polymer Engineering Science, pg. 120-129, Mid-Feb. 1978	
	7	Nagaraja Rao & K.E. Hofer, Jr., Fatigue Behavior of Graphite/Glass/Epoxy Composites, Apr. 1973	
f you wish	n to a	dd additional non-patent literature document citation information please click the Add button Add	
		EXAMINER SIGNATURE	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant,

Application Number		10595459	
Filing Date		2007-01-26	
First Named Inventor	Clem	ent Hiel	
Art Unit		1798	
Examiner Name	Gray,	Jil M.	
Attorney Docket Numb	er	50486-00003	
	Filing Date First Named Inventor Art Unit Examiner Name	Filing Date First Named Inventor Clem Art Unit	

See find. Codes of USPTO Planto Tocuments at view, USPTO, DOV or MFEP 901.04. * Enter office that its such the document, by the two-later code, VIPO Standard ST3.3. ** Frequence parted consomers, the includion of the parent of temperar must proceed the senial number of the parted consomer. **
**India of coursent by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. **
Applicant is to place a check mark here if English targuage streamlishes an attacked.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)

	Application Number		10595459			
Filing Date			2007-01-26			
First Named Inventor Cleme		Clem	ent Hiel			
	Art Unit		1798			
Examiner Name Gray,		Gray,	Jrli M.			
	Attorney Docket Numb	ec	50486-00003			

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication
from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the
information disclosure statement. See 37 CFR 1.97(e)(1).

OR

That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquity, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 156(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 157(e).

٦	See	attached	certification	statement.

Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

▼ None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

lorin or the signature.	Jill of the signature.									
Signature	/David F Dockery Reg No 34323/	Date (YYYY-MM-DD)	2012-03-09							
Name/Print	David F Dockery	Registration Number	34323							

This collection of information is required by 3T CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is for life railed by the USPTO to process) an application. Confidentiality is governed by \$5 U.S. C. 12.0 and 3T CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application from the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete his form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Tradenar's Office, U.S. operatment of Commence, P. 0. Box 1450, Alexandria, V.S. 2313-1450. DIN OTS CRID FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, V.S. 2313-1450.

Privacy Act Statement

The Privacy Act of 1974 (P. L. 95.79) requires that you be given certain information in connection with your submission of the stackhold from reliable to a patient application or patient. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. (2)(2)(2) familishing of the information solicided is columbra; and (3) the principal purpuse for which the information is used by the U.S. Patient and Trademan Coffice is to process and/or cosmitine your submission related to a patient agricultant or patient. If you do not furnish the requested process and/or cosmitine your submission related to a patient agricultant or patient. If you do not furnish the requested requirement of the patient of the pati

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.
- A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the sublect matter of the record.
- A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, ourspant to 5 U.S.C. S52a(m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records
 may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant
 to the Patent Cooperation Treaty.
- A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or hisher designee, during an inspection of records conducted by GSAs a part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 4d U.S.C. 2504 and 2506. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- A record from this system of records may be disclosed, as a routine use, to the public after either publication of
 the application presume to 58 U.S. C. 12(p) or issuance of a patent pursuant to 58 U.S. C. 151. Further, a record
 may be disclosed, subject to the limitations of 37 CFR 11, 4s as routine use, to the public if the record was filed in
 an application which became abandoned or in which the proceedings were terminated and which application is
 referenced by whither a published application is application open to public inscredions or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.